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04772 U.S. PTO

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No. 035052/270239
	First Inventor Walsh et al.
	Title ADENO-ASSOCIATED VIRUS VECTORS ENCODING FACTOR VIII AND METHODS OF USING THE SAME
	Express Mail Label No. EV185285374US

03945 U.S. PTO

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ADDRESS TO: **MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

Transmitted herewith for filing in the United States Patent Office is a patent application for:

Inventors: Christopher E. Walsh, Chapel Hill, NC  
Hengjun Chao, Carrboro, NC  
Haim Burstein, Redmond, WA  
Carmel Lynch, Kenmore, WA  
Tony Stepan, Seattle, WA  
Keith Munson, Seattle, WA

Assignee of this invention is The University of North Carolina at Chapel Hill

1. ☒ The Filing Fee has been calculated as shown below:
2. ☒ Applicant claims Small Entity Status. See 37 CFR 1.27.

		Small Entity		Large Entity	
No. Filed	No. Extra	Rate	Fee 1	Rate	Fee 0
BASIC FEE			\$ 385		\$ 0
TOTAL CLAIMS:	1 - 20 = 0	X 9 =	\$ 0	x 18 =	\$ 0
INDEP CLAIMS:	1 - 3 = 0	X 43 =	\$ 0	x 86 =	\$ 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		+145 =	\$	+290 =	\$
*If the difference in Column 1 is less than zero, enter "0" in Column 2.		TOTAL	\$ 385	TOTAL	\$

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Acct. No. 16-0605.

- a. ☒ Fees required under 37 CFR 1.16 (National filing fees).
- b. ☒ Fees required under 37 CFR 1.17 (National application processing fees) including any extension of time fees under 37 CFR § 1.136(a) that are required for consideration of papers filed during prosecution.
- ☒ A check in the amount of \$ 385.00 for the filing fee is enclosed.
- ☐ The above filing fee will be paid along with Applicant(s) Response to the Notice to File Missing Parts.
3. ☒ Specification; Total Pages 53
4. ☒ 25 Sheets of Drawing(s) (35 USC 113)

5. ☒ Declaration and Power of Attorney; [Total Pages 4]  
     a. ☐ Newly executed (original or copy)  
     b. ☒ Copy from a prior application (37 CFR 1.63(d))  
         *(for continuation/divisional with Box 18 completed)*  
         i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)  
             named in the prior application, see 37 CFR 1.63(d)(2) & 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
     a. ☐ Computer Readable Copy (CRF)  
     b. ☒ Request for Transfer of Computer Readable Form of Sequence Listing  
         under 37 CFR § 1.821(e) and MPEP 2422.05 (must be compliant with new rules)  
     c. ☒ Specification Sequence Listing on:  
         i. ☐ CD-ROM or CD-R (2 copies); or  
         ii. ☒ Paper (23 Pages)  
     d. ☒ Statements verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s) (including a check for the \$40.00 fee)
10. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*; ☐ Power of Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☒ Information Disclosure Statement (IDS)/PTO-1449; 0 Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*  
☐ Foreign Priority is claimed as Application No. , filed
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
 Applicant must attach form PTO/SB35 or its equivalent.
17. ☐ Request for Early Publication Under 37 CFR § 1.219. Fee of \$300.00 is enclosed.
18. **If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below  
 and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**  
☒ Continuation ☐ Divisional ☐ Continuation in Part (CIP)

of prior Application No: 10/095,718; Filed March 12, 2002, which is a continuation of 09/689,430, filed  
October 12, 2000, which claims the benefit of Provisional Application No. 60/158,780 filed October 12,  
1999

Prior Application Information: Examiner Qian J. Li

Group/Art Unit: 1632

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

CUSTOMER NUMBER 00826

Signature:

Kathryn L. Coulter

Agent of Record: Kathryn L. Coulter

Agent Registration No. 45,889

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Date of Deposit October 9, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Nora C. Martinez

Nora C. Martinez

RTA01/2143956v1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Walsh Et al. Confirmation No.: 7352<sup>a</sup>  
 Application No.: 10/095,718 Group No.: 1632  
 Filed: March 12, 2002 Examiner: Qian J. Li  
 For: ADENO-ASSOCIATED VIRUS VECTORS ENCODING  
 FACTOR VIII AND METHODS OF USING THE SAME

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**COPY**

## PETITION AND FEE FOR EXTENSION OF TIME 37 C.F.R. § 1.136(a)

1. This is a petition for an extension of time for a total period of 3 months to respond to the Office Action dated April 10, 2003.
2. Applicant is ☒ a small entity; ☐ other than a small entity.
3. Calculation of extension fee (37 C.F.R. § 1.17(a)(1)-(a)(5)):

<u>Total Months Requested</u>	<u>Fee For Other Than Small Entity</u>	<u>Fee for Small Entity</u>
<input type="checkbox"/> one month	\$110.00	\$55.00
<input type="checkbox"/> two months	\$420.00	\$210.00
<input checked="" type="checkbox"/> three months	\$950.00	\$475.00
<input type="checkbox"/> four months	\$1,480.00	\$740.00
<input type="checkbox"/> five months*	\$2,010.00	\$1,005.00

\*Cannot be used to exceed six-month statutory limit for response to an Official Action.

- ☒ A check in the amount of \$475 is enclosed.  
☐ Charge Deposit Account No. 16-0605 for the extension fee.  
☒ Charge Deposit Account No. 16-0605 for any fee deficiency.

Respectfully submitted,

*Kathryn L. Coulter*

Kathryn L. Coulter  
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## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:  
 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 9, 2003

*Nora C. Martinez*  
 Nora C. Martinez